

LH

1

B83

V.1



LIBRARY OF
RUSH MEDICAL COLLEGE



Litt
1
B83

Digitized by the Internet Archive
in 2012 with funding from
CARLI: Consortium of Academic and Research Libraries in Illinois

The Bulletin
OF THE ALUMNI OF RUSH MEDICAL COLLEGE

Volume I

AUGUST 15, 1904

No. 1

Published Quarterly---Middle of August, December, March and June
B. M. LINNELL, Editor - - 100 State Street, CHICAGO, ILL.

OFFICERS

PRESIDENT—D. H. Bowen, '76, - - - Waukon, Iowa.
FIRST VICE-PRESIDENT—L. G. Bass, '80, - - - Chicago.
SECOND VICE-PRESIDENT—Henry Blank, '85, - - - Jackson, Wis.
THIRD VICE-PRESIDENT—T. J. Creel, '93, - - - Angola, Ind.
NECROLOGIST—A. L. Craig, '98, - - - - - Chicago.
SEC. AND TREAS.—B. M. Linnell, '93, - - - 100 State St., Chicago.

EXECUTIVE COMMITTEE.

A. I. Bouffleur, '87, Chicago. John Edwin Rhodes, '86, Chicago.
C. A. Ullerich, '93, Chicago, Ill.

COMMITTEE ON FELLOWSHIP FUND.

George H. Weaver, '89, Chicago, Chairman.
A. I. Bouffleur, '87, Chicago. T. C. Clark, '86, Stillwater, Minn.
C. D. Wescott, '83, Chicago. Sam'l Bailey, '79, Mt. Ayr, Iowa.
Geo. Deacon, '85, Pasadena, Cal. R. L. Nourse, '89, Hailey, Idaho.
John D. Freeman, '97, Topeka, Kan.

**COMMENCEMENT PROGRAM RUSH MEDICAL COLLEGE
SUMMER QUARTER.**

Exercises will be held Friday evening, Sept. 2, 1904, at 8 p. m., in the Upper Amphitheater. Dr. Bertram W. Sippy will deliver the address.

THE BULLETIN.

At the last annual meeting of the Alumni Association, it was voted that the Executive Committee might authorize the publication of a Bulletin as soon as funds are available for the purpose.

The Executive Committee met recently and decided that there were sufficient funds to warrant this venture.

The Bulletin will be published four times this year.

The object of the Bulletin is to furnish the proceedings of the Association, names of the members, a few items of interest to the Alumni of the College and to publish the work of the Fellow.

In the next issue will be printed the names of the members of the association, an account of the commencement exercises last June, and some reports crowded out of this issue.

14929

Meeting of the Chicago Alumni Association at the Union Hotel.

TUESDAY EVENING, 6 O'CLOCK.

In the absence of the President and First Vice-President, Dr. Charles W. Evans, '86, Second Vice-President, called the meeting to order.

The Alumni first partook of a dinner. Immediately following the dinner Dr. Evans ordered the roll call. There were 55 members present. Dr. J. W. Edwards, class '54, Mendota, Ill., was the oldest alumnus present. There were present also six members of the graduating class.

The minutes of the last meeting were then read and approved.

The Secretary's report was read and ordered to be placed on file.

The Treasurer's report was then read, and an auditing committee, consisting of Drs. Plecker, '77, Bouffleur, '87, and Fowler, were appointed, to which the books and report of the treasurer were referred for examination. The Auditing Committee reported the same to be correct, and on motion were approved and adopted.

Report of Treasurer.

RECEIPTS.

Balance from Dr. Rhodes.....	\$ 66.99
Members to June 1.....	87.00
	\$153.99
<i>Fellowship Fund—</i>	
Balance in banks.....	102.50
Interest in Bank.....	15.19
General contributions.....	163.00
Fellowship fund committee.....	387.20
	\$821.88

EXPENDITURES.

Toward Fellow's salary.....	\$400.00
Expenses Fellowship committee.....	250.59
General expenses	22.30
To balance in treasury.....	148.99
	\$821.88

The report of the Necrologist, Dr. Craig, in his absence, was read by Dr. Slaymaker, '92. Report was ordered filed.

Report of Fellowship Committee read by Dr. Weaver, chairman. Report approved and ordered placed on file.

Dr. E. C. Rosenow read a paper as a final report as Alumni Fellow for the past two years. His paper was discussed by Drs. Weaver, Dodson, Boas, Creel and Rosenow.

Moved by Dr. Dodson that 2,000 copies of Dr. Rosenow's report be printed and mailed to the Alumni with a request

that they send to the Secretary a report on the treatment of pneumonia, especially with reference to the alkaline treatment outlined in the paper. This was to be done when funds are available. Seconded and carried.

Moved by Dr. Holmes, and seconded, that the publications of the Fellow hereafter be given to popular and well-known journals. Carried.

Moved and seconded that a vote of thanks and appreciation be extended by the Association to Dr. Rosenow for his very valuable work.

The Nominating Committee was then appointed as follows: Edwards, '54; Barnett, '68; Dudley, '75; Bowen, '76; Plecker, '77; Bass, '80; Dodson, '82; Boas, '84; Blank, '85; Rhodes, '86; Bouffleur, '87; Weaver, '89; Parker, '91; Slaymaker, '92; Senn, '93; Peters, '94; Hollenbeck, '95; Hemmingway, '96; Barnett, '97; Ware, '98; Fiske, 1900; Brower, '02; O'Brian, '03; Smith, '04.

The Nominating Committee reported as follows: President, D. H. Bowan, '76, Waukon, Iowa; First Vice-President, L. G. Bass, '80, Chicago; Second Vice-President, Henry Blank, '85, Jackson, Wis.; Third Vice-President, T. J. Creel, '93, Angola, Ind.; Necrologist, A. L. Craig, '98, Chicago; Secretary and Treasurer, B. M. Linnell, '93, 100 State Street, Chicago.

The officers nominated by the Nominating Committee were made the officers of the Association by a unanimous vote.

After the election of officers Dr. Bowen, the newly elected President, was escorted to the chair. It was moved by Dr. Dodson that the Fellowship Committee be appointed by the Chair, and to consist of the old members, with the addition of others to be suggested by Dr. Weaver, the chairman. Carried.

Moved by Dr. Dodson that the Executive Committee be instructed to issue a Bulletin of the Association as soon as the funds of the Association warrant it.

Moved by Dr. Weaver that the new Fellowship Committee be instructed to follow the instructions in regard to the Fellow that were issued to the old committee, namely: that the committee was to appoint a Fellow as soon as funds were available for that purpose. Seconded and carried.

Dr. Dodson then addressed the Association on the relationship of the College to its Alumni, urging a closer union and a more intimate knowledge of the affairs of the College. He also recommended that a meeting of the Rush Alumni be held at each of the State Conventions.

Moved by Dr. Holmes that the Executive Committee report

to the Association at its next meeting a scheme for life membership in the Association. Seconded and carried.

Moved by Dr. Rhodes that the Association assume the expense of this meeting and the Treasurer be ordered to pay the same out of the funds of the Association. Seconded and carried.

Motion to adjourn. Seconded and carried.

B. M. LINNELL, Secretary.

Report of the Committee on the Alumni Fellowship Fund of the Alumni Association of the Rush Medical College.

At the last annual meeting of the Alumni Association of Rush Medical College it was decided to continue the Alumni Fellowship during the following year. Your committee was appointed to raise money for the purpose among the alumni, and it was decided to pay the Fellow \$500, or more if more could be raised. The appointment of the Fellow was left to Drs. Hektoen, Le Count and Weaver. The committee was instructed to make no appointment until the money for the salary was raised.

Immediately after the annual meeting the members of the committee residing in Chicago held a meeting, at which the retiring Secretary, Dr. Rhodes, and the present Secretary, Dr. Linnell, were present. The members of the committee at once began trying to collect money by means of letters. The returns were exceedingly small, and it was discussed among the members whether it was not best to let the entire matter drop. It was now learned that Dr. Rosenow could be persuaded to continue as Fellow for a second year, but in order to secure his services his appointment would have to be made at once. The Executive Committee of the Association agreed to his appointment, provided he would be satisfied with whatever sum could be raised, even if it were less than the full \$500. The committee agreed to raise as much money as possible. With this understanding Dr. Rosenow was appointed and has completed his second year of work. A copy of his report has been sent to each contributing alumnus, and he will present before this meeting some of the most interesting facts connected with it.

The committee has done considerable experimenting as to means of raising money for the Fellowship. Our first idea was to obtain the active co-operation of influential alumni residing in various states, and this was carried out to some extent.

The following alumni very kindly undertook to raise funds in their own states: Drs. Samuel Bailey, Mt. Airy, Iowa; T. C. Clark, Stillwater, Minn.; Geo. Deacon, Pasadena, Cal.; John D. Freeman, Topeka, Kan.; J. R. Lyman, Eau Claire, Wis.; Robert L. Mourse, Hailey, Idaho; Robert C. Robe, Pueblo, Colo.

Necessarily the efforts of these men were principally limited to the sending of letters to the alumni of their respective states. The results were never very satisfactory, all the men being surprised at the meager returns from their letters. In our case, letters were sent to over 400 alumni, and not a dollar was received in response. In some states the results were better and the relatively large collections in California, Colorado, Kansas and Idaho were due to the efforts of the men in these states. The relatively large returns in Illinois are due to liberal contributions by alumni upon the college faculty, to whom the matter was personally presented by Dr. Linnell.

Forty-three Alumni throughout Illinois were asked to solicit contributions from the Alumni in their own district or county. Favorable replies were received from the following: Drs. Charles D. Center, Quincy; James E. Coleman, Canton; F. K. Crane, Pittsfield; H. J. Gahagan, Elgin; Matt M. Hill, Taylorville, Harry D. Hull, Crystal Lake; E. E. Ochsner, Rockford; M. DeWitt Pollock, Decatur; F. E. Wallace, Monmouth. Of these men four were able to collect nothing.

As a last resort it was decided to ask for small sums from every alumnus as far as possible. This was accomplished by sending a circular letter with coin-card and return addressed envelope to each alumnus. This necessitated a great deal of labor, and especially as there was no mailing list of alumni, and one had to be made from physician's directories. We have found the names of only 3,700 alumni, which is undoubtedly considerably less than the whole number. The results obtained in this way were much more satisfactory, about two hundred dollars being obtained by this means over all expenses. The clerical work connected with sending out the coin cards was done by the committee, without charge. More gratifying than the amount raised in this way was the large number of the Alumni who showed interest by responding. Many letters were received expressing interest in the undertaking and a number offered to contribute in the future.

The committee recommends that the Alumni Fellowship be continued during next year under the following conditions: 1. The Fellow to be appointed as soon as a suitable man be secured, and he be paid \$400. 2. The alumni who have con-

tributed this year to be asked to give as much or more than last year. 3. Any balance over that specifically raised for the Fellowship to be paid from the general funds of the Association. 4. If more than \$400 is obtained the surplus to be used in securing the co-operation of the alumni who have not so far aided in the support of the Fellowship.

June 13, 1904.

(Signed.) COMMITTEE.

The Alumni Luncheons at the State and National Meetings.

At a reunion of Rush graduates at the Washington State Medical Society at Tacoma, two years ago, over 40 Rush men out of the 150 physicians in attendance, came together at a luncheon. The enthusiasm manifested and the evident enjoyment of all suggested that similar gatherings might be held at all state meetings. In accordance with this Dr. Mammon of Bloomington undertook to make necessary arrangements for a meeting at the Illinois state gathering. It was decided not to send out formal notices but to rely on conspicuous placards to be put up at the meeting places of the society and upon notices upon the platforms of the sections. With these simple notices between 70 and 75 Rush graduates gathered in the parlors of the Second Baptist Church in Bloomington at 1 o'clock on Wednesday, the second day of the meeting, and a very enthusiastic and enjoyable reunion was held. Brief addresses were made by many of the Alumni, and it was unanimously voted to make the reunion of the Rush alumni a regular feature of the annual meetings of the Illinois State Medical Society.

On May 18 Dr. Herriek attended a reunion of the Rush graduates who were present at the Iowa State Medical Society at Des Moines. Postal cards had been sent to all the alumni in the state whose addresses could be ascertained, and in response thereto from 65 to 75 of the Alumni gathered for luncheon, where addresses were made by many of those present. It was agreed in Iowa to make reunions a regular feature of the state medical meetings, and a great deal of enthusiasm was manifested in the plan.

On June 8, at Atlantic City, a re-union of Rush graduates was held, where about twenty gathered in response to placards posted up at the meeting places. As no previous notices had been made of the meeting in the Journal or elsewhere a great many of the Rush men in attendance upon the Association did not learn of the reunion until after it was held, but those who

were present were greatly interested in the idea, and thoroughly enjoyed the meeting. It is believed, due notice being made through THE JOURNAL of the American Medical Association, a large and successful reunion of Rush graduates can be held in connection with the meetings of the associations every year.

A reunion of the Rush alumni in attendance on the Wisconsin State Medical Society was held at the Empire Restaurant on June 3. A brief note that such a reunion would be held was kindly inserted in the final program of the society by the secretary, but it failed to reach many of the members. However, notices were posted about the meeting places of the society, and in response to these 65 Rush graduates were in attendance. The time was short and there was little opportunity, therefore, for after-dinner speaking, but with Dr. Holbrook of Milwaukee presiding, Dr. Dodson, in response to his request, made a statement of the conditions at Rush. It was unanimously voted to make these reunions regular features of the State Medical Society, and Dr. D. S. McArthur of the class of '82, now residing in La Crosse, was designated as chairman of the committee to arrange for the reunion next year, when the society will have its annual session in La Crosse. The question of organizing a regular association was discussed briefly, but on the whole it was thought for the present at least, to hold these reunions informally.

It is the desire of the Association that these meetings should be held each year. We would also recommend that a Rush reunion be held in June next, at Portland, Ore., in connection with the American Medical Association. We are of the opinion that the second day of the medical societies and the noon hour will be the most favorable time. We would suggest that it would be desirable also to have the meetings in a room controlled by the Rush graduates, and that the social side of the meetings should be the conspicuous feature. The exchange of reminiscences and the stories of college days as well as the experiences in later practice and singing of songs make these meetings attractive and insure a large and increasing attendance of Rush graduates. Usually one or more members of the active faculty are in attendance at these meetings, and can be called upon to answer such questions as the alumni may wish to put to them in regard to the affairs at our Alma Mater.



The Bulletin

OF THE ALUMNI OF RUSH MEDICAL COLLEGE

Volume I

DECEMBER 24, 1904

No. 2

PUBLISHED QUARTERLY—MIDDLE OF AUGUST, DECEMBER, MARCH, AND JUNE

B. M. LINNELL, Editor - - - - 100 State Street, CHICAGO, ILLINOIS

OFFICERS

PRESIDENT—D. H. Bowen, '76,	- - - - -	Waukon, Iowa.
FIRST VICE-PRESIDENT—L. G. Bass, '80,	- - - - -	Chicago.
SECOND VICE-PRESIDENT—Henry Blank, '85,	- - - - -	Jackson, Wis.
THIRD VICE-PRESIDENT—T. J. Creel, '93,	- - - - -	Angola, Ind.
NECROLOGIST—A. L. Craig, '98,	- - - - -	Chicago.
SEC. AND TREAS.—B. M. Linnell, '93,	- - - - -	100 State st., Chicago.

EXECUTIVE COMMITTEE

A. I. Bouffleur, '87, Chicago.	John Edwin Rhodes, '86, Chicago.
C. A. Ullerich, '93, Chicago, Ill.	

COMMITTEE ON FELLOWSHIP FUND

George H. Weaver, '89, Chicago, Chairman.	
A. I. Bouffleur, '87, Chicago.	T. C. Clark, '86, Stillwater, Minn.
C. D. Westcott, '83, Chicago.	Sam'l Bailey, '79, Mt. Ayr, Iowa.
Geo. Deacon, '85, Pasadena, Calif.	R. L. Nourse, '89, Hailey, Idaho.
John D. Freeman, '97, Topeka, Kan.	

The Quarterly Commencement was held in the Upper Amphitheater, Dec. 19, '04, 4:15 P. M.

The candidates for degrees were:

Paul Raymond Badger	George Albert Landes
Joseph Louis Baer	Carl August Ostling
William Rudolph Boose	Romney Moore Ritchey
William W. Bradley	Max Jason Salamson
James Henry Fairchild	George Senn
Charles Emerson Ingbert	Harry Francis Sloane
Arthur Edward Johnson	Frank Hastings Stevenson
Martin Ingeman Olsen	Norman E. Williamson

The address was delivered by Prof. Paul Shorey of the University, on "Some Lessons from Greek Medicine." Prof. James B. Herrick gave a memorial address on the late Prof. Henry M. Lyman.

This issue of *The Bulletin* is sent out with the list of the Faculty and Alumni published by the college.

The contents of the envelope consist of the following:

The Bulletin, containing the list of members of the association and contributors to the Alumni Fellowship Fund.

A *subscription* blank to be filled out and returned with \$1.00 in an addressed envelope to the Secretary and Treasurer.

A list of the Faculty and Alumni with their present addresses. Any corrections about any of the Alumni should be made and sent to Dr. Haines.

A circular letter for information, which should be filled out at once and returned to Dr. Haines in the addressed envelope.

The Alumni through *The Bulletin* will profit especially by the information obtained in the circular letter. We hope to publish from time to time items of interest obtained in this way. You will note there are almost 4,000 Alumni practicing medicine. The list contains about 6,350 names. If there are any names omitted to your knowledge, send their names and addresses to the college. We want to know where all of our Alumni are. The list of all the Alumni is arranged by classes and addresses given. The lists in *The Bulletin* are arranged in alphabetical order. Of course it was not necessary to give addresses in both cases. The following joint committee had the work in charge: Dr. Walter S. Haines, chairman; Drs. Herrick, Favill, Weaver, Bouffleur, Rhodes, Ullerick, and Linnell.

Remember the state meetings which begin very soon. Arrangements are being completed for a Rush Alumni Luncheon at each, and the meeting of the American Medical Association at Portland.

Announcements of the time and place will be made at each meeting. Some members of the Faculty have been asked to be present at each one and will be glad to see all the "old boys" of "Old Rush."

Our president, Dr. Bowen, made a short extemporaneous speech at the Faculty and Alumni Banquet last June at the University Commons. It came in after Drs. Sippy, Stewart, Henrotin, and others had spoken. A spontaneous contribution, but it so impressed the graduating class and visiting Alumni that we have asked him to write it out and it is here produced. He said it was "cold" and he had forgotten all that he said by this time, but this is how he feels about the situation even on second sober thought.

"I confess to you that I am one of those who had grave doubts of turning over the first two years of the course to other hands than those of the Medical Faculty. In common with many of the older Alumni I doubted the wisdom of this course and feared that the management of the affairs of the College by non-medical men would result in the Medical College being run as an adjunct to the University, and be of doubtful utility.

"I am happy to say that I have changed my mind and entertain different views now than formerly. I did not know then what I do now. I was not aware of the reasons for the innovation. After visiting the University today, viewing these great buildings with their magnificent equipment for scientific work of all kinds, with their extensive laboratories devoted to chemical, physiological, anatomical, and kindred scientific research far beyond what is possible in a strictly Medical School, I am constrained to admit that I was mistaken.

"That it was a wise move and places Rush far in advance of the old order of things—the peer of any institution of its kind in this country is evident. It should now have the hearty support of every friend of 'Old Rush.'"

The Faculty are anxious to have you come next June, or any time, and look the ground over and pass your sober judgment on the ideal conditions which we think exist. The facilities for teaching never equaled or approached the present, especially in the first two years at the University; also, this relieving of the congestion at the College makes far better work there possible. Come and see for yourselves.

HENRY MUNSON LYMAN

Henry Munson Lyman, A.M., M.D., born Island of Hawaii, Nov. 26, 1835. Died Evanston, Ill., Nov. 21, 1904. Graduated at Williams College, 1858. Student Harvard Med. College, 1858-9. Graduate of the Col. of Physicians and Surgeons at New York, 1861. Surgeon Interne Bellevue Hospital 1860-2. '62 to '63 Acting Asst. Surgeon U. S. A. Located in Chicago, 1863.

Record in Rush Medical College: Quiz Master, Winter Session, 1865-6. Lecturer on Physiology, Spring Courses, 1866-9. Professor of Chemistry and Pharmacy, 1871-7. Prof. of Physiology and Diseases of the Nervous System, 1877-90. Prof. of the Principles and Practice of Medicine, 1896-1900. Vice-Pres. of the Faculty and Prof. of Medicine, 1900 to the time of his death. Published the following monographs: "Artificial Anaesthesia and Anesthetics," Woods, 1881. "Insomnia and Other Discords of Sleep." "Library Standard Medical Authors," Keener, 1885. "Practice of Medicine," Lea Bros., 1892. Besides these exhaustive treatises, he has written over 65 articles for the medical journals alone, and was a frequent contributor to the higher class of lay journals.

He was laid to rest at Rose Hill Cemetery beside his wife, attended by the family, many friends, and professional associates.

A record like the above speaks for itself. He was extremely busy and useful to the college and to his chosen profession. We feel that we have lost a wise counselor, an eminent clinician, a noted writer, a Christian gentleman, and a true friend.

MEMBERS OF THE ALUMNI ASSOCIATION

This includes those who have contributed \$1.00 or more to the Alumni Fellowship Fund or who have paid the dues (\$1.00) within one year from date. If your name is not on this list you should send \$1.00 to the Secretary and Treasurer with the inclosed blank.

Phillip Adolphus.....	'58	J. W. Edwards.....	'54	J. W. Huston.....	'04
A. T. Arbuckle.....	'86	Mabel E. Elliott.....	'04	F. D. John.....	'03
J. A. Badgley.....	'80	C. W. Evans.....	'86	B. W. Jones.....	'81
S. Bailey.....	'79	H. B. Favill.....	'83	A. Kindeman.....	'83
G. W. Baker.....	'94	R. R. Ferguson.....	'03	F. J. Kreull.....	'81
J. R. Barnett, Sr.....	'68	F. Fiske.....	'00	J. M. Lang.....	'95
J. R. Barnett, Jr.....	'97	W. M. Fitch.....	'85	L. L. Leeds.....	'56
L. G. Bass.....	'80	E. S. Fitzmaurice.....	'02	B. M. Linnell.....	'03
C. E. Blomgren.....	'99	John Fowler.....	'90	T. E. Loope.....	'04
E. A. Boas.....	'84	W. L. Freeman.....	'03	R. N. Mayfield.....	'83
L. S. Bond.....	'70	E. Friend.....	'90	L. L. McArthur.....	'80
D. H. Bowen.....	'76	Fred F. Garrison.....	'04	E. L. McEwen.....	'97
D. R. Brower, Jr.....	'02	J. C. Gill.....	'92	E. E. McKibben.....	'04
J. C. Bryan.....	'79	A. Goldsponh.....	'83	S. J. McNeill.....	'03
J. H. Byrne.....	'77	W. F. Grosvenor.....	'00	E. J. Mellish.....	'86
D. C. Budge.....	'00	L. N. Grosvenor.....	'02	F. H. Montgomery.....	'88
W. J. Butler.....	'94	Walter V. Gulick.....	'01	L. B. Morrow.....	'65
J. W. Chamberlain.....	'82	E. C. Hamley.....	'02	W. M. Mueliski.....	'91
N. P. Colwell.....	'00	J. M. Hamilton.....	'95	W. J. Neill.....	'80
T. J. Creel.....	'93	Glenn M. Hammon.....	'81	W. K. Newcomb.....	'82
J. H. Crowe.....	'01	G. H. Hanson.....	'96	A. J. Ochsner.....	'86
O. J. Cunningham.....	'04	Don S. Harvey.....	'91	E. H. Ochsner.....	'94
C. A. David.....	'69	O. P. Harris.....	'02	D. T. Palmer.....	'03
E. S. Detweiler.....	'88	H. H. Healy.....	'92	Chas. A. Parker.....	'91
J. C. DeFries.....	'94	G. P. Head.....	'84	W. E. Parker.....	'79
S. B. DePree.....	'03	L. Hektoen.....	'89	R. L. Parmeter.....	'95
H. J. Dern.....	'98	Fernand Henroty.....	'68	Perry J. Payne.....	'04
Dr. J. M. Dodson.....	'82	C. E. Hemmingway.....	'96	W. T. Peters.....	'94
John C. Doolittle.....	'88	C. W. Henry.....	'84	E. S. Pettyjohn.....	'82
M. S. Donderville.....	'04	J. B. Herrick.....	'88	J. H. Plecker.....	'77
O. H. Dunton.....	'93	Chas. Hoiby.....	'02	F. L. Potts.....	'04
N. A. Drake.....	'68	Fred Hollenbeck.....	'80	Jos. P. Prendergast.....	'04
E. H. Dudley.....	'75	R. W. Holmes.....	'93	E. N. Reed.....	'04

J. E. Rhodes.....	'86	J. J. Stoll.....	'85	H. A. Ware.....	'98
P. J. Ritchie.....	'03	F. L. Strauss.....	'07	G. H. Weaver.....	'89
C. C. Rogers.....	'06	A. B. Tashjean.....	'84	C. D. Westcott.....	'83
F. W. Rohr.....	'89	J. B. Taylor.....	'82	C. J. Whalen.....	'91
E. C. Rosenow.....	'02	G. F. Thompson.....	'99	C. A. White.....	'71
J. A. Rutledge.....	'86	W. N. Thompson.....	'86	Theo. Wild, Jr.....	'92
C. W. Sanders.....	'84	John T. Tobin.....	'01	Theo. Wild, Sr.....	'77
H. G. G. Schmidt.....	'06	B. J. Wade.....	'97	W. H. Wilder.....	'97
S. R. Slaymaker.....	'92	H. G. Wells.....	'80	Wm. G. Willard.....	'87
Jos. F. Smith.....	'77	L. R. Williams.....	'75	S. T. Zeltner.....	'95
A. F. Stevenson, Jr.....	'98				

This list includes the names of those who contributed to the Fellowship Fund of last year. The money was sent to Dr. Weaver. These contributions have made the Fellowship work possible.

Edward H. Abbott.....	'95	Edward Bowe.....	'97	Jas. T. Clark.....	'84
H. W. Abraham.....	'98	Daniel H. Bowen.....	'76	S. S. Clayberg.....	'72
Winfield Ackley.....	'80	Raymond Bower.....	'01	George E. Clements.....	'00
Fred Lyman Adair.....	'01	Wm. C. Bower.....	'86	Frank E. Clough.....	'02
Wm. T. Adams.....	'75	L. C. Bowers.....	'86	Benj. D. Colby.....	'84
George S. Adams.....	'01	Walter C. Bowers.....	'82	Adelbert J. Cole.....	'83
Frank H. Allen.....	'94	Leon M. Bowes.....	'03	Elmer J. Cole.....	'89
C. R. Aiken.....	'77	A. W. Bowman.....	'78	James E. Coleman.....	'84
E. S. Albee.....	'00	Charles A. Boyd.....	'81	Lewis B. Collier.....	'89
Alden Alguire.....	'07	James B. Bradley.....	'86	Wm. H. Cook.....	'94
Albert A. Ames.....	'62	H. G. Brainard.....	'78	W. Albert Cook.....	'97
Thomas J. Andre.....	'82	W. S. Branson.....	'82	Wm. W. Cook.....	'98
Edw. P. Andrews.....	'90	Albert L. Brittin.....	'84	W. H. Conibear.....	'76
J. A. Anderson.....	'08	S. J. Briggs.....	'01	Thomas J. Conley.....	'85
James W. Andrist.....	'00	John Edgar Brock.....	'00	Thomas F. Conroy.....	'96
John J. Anderson.....		A. L. Brooks.....	'83	J. B. Conway.....	'88
Benj. A. Arnold.....	'95	Frankton Brosius.....	'83	A. P. Condon.....	'00
O. H. Avey.....	'01	W. J. Brownrigg.....	'82	A. C. Cotton.....	'78
R. C. Aylward.....	'00	Henry C. Brown.....	'87	James V. Cornish.....	'81
Lyman F. Babcock.....	'64	Warren G. Brown.....	'03	Chas. E. Cord.....	'00
Gideon V. Bachelie.....	'67	Joel C. Brown.....	'86	C. W. Cornell.....	'71
J. A. Badgley.....	'80	George Brown.....	'87	John J. Comer.....	'93
A. W. Baer.....	'89	Russell Broughton.....	'69	J. S. Courtney.....	'86
Samuel Bailey.....	'79	John C. Bryan.....	'77	Amos A. Covalt.....	'69
Harold Bailey.....	'97	Clarence H. Bryan.....	'80	George H. Cowles.....	'96
Robert W. Baker.....	'79	C. H. Brunk.....	'65	Marion F. Crane.....	'92
George W. Baker.....	'94	Brundage.....		F. M. Crain.....	'91
A. E. Baldwin.....	'78	Robt. E. Buchanan.....	'83	Norman S. Craig.....	'71
Wm. R. Ball.....	'02	Albert E. Bulson.....	'00	C. H. Cremer.....	'89
J. R. Barber.....	'02	James Burke.....	'87	George W. Cresswell.....	'97
James R. Barnett, Jr.....	'97	Wm. J. Burns.....	'70	H. J. Crumpton.....	'71
Charles A. Barnes.....	'70	I. T. Burnside.....	'83	C. F. Cronk.....	'91
C. D. Barnes.....	'00	Oscar A. Burton.....	'08	M. M. Crocker.....	'87
Rufus H. Bartlett.....	'79	F. A. Butterfield.....	'80	Samuel E. Cruse.....	'95
James Barr.....	'68	George F. Butler.....	'89	Edward Cunat.....	'00
Oscar H. Barthel.....	'85	Charles E. Button.....	'98	Wesley L. Curtis.....	'96
D. F. Beacom.....	'94	John H. Byrne.....	'74	Harvey B. Dale.....	'87
Charles R. Beckmann.....	'96	James L. Camp.....	'78	Wm. N. Daniels.....	'78
John B. Beeson.....	'02	Neil D. Campbell.....	'75	Karl A. Danielson.....	'00
George W. Beggs.....	'62	Wm. S. Campbell.....	'85	Jared W. Daniels.....	'89
Ralph I. Benjamin.....	'02	James H. Carnelley.....	'02	Ralph P. Daniels.....	'99
Frederick D. Bentley.....	'86	Franklin L. Carr.....	'84	John Nellis Daly.....	'95
John P. Benson.....	'02	Charles W. Carr.....	'00	Cyrenius A. David.....	'69
Lloyd M. Bergen.....	'89	Andrew Carr.....	'88	Samuel T. Davis.....	'70
James G. Berry.....	'75	Andros Carson.....	'00	Jenkins W. Davis.....	'93
John E. Best.....	'70	F. M. Casol.....	'64	William J. Davies.....	'87
H. J. Betten.....	'00	D. C. Cavanaugh.....	'95	Geo. Deacon.....	'85
Charles A. Betts.....	'00	Charles D. Center.....	'04	Hoyt E. Dearholt.....	'00
F. T. Bicknell.....	'70	C. L. Chambers.....	'83	John C. De Fries.....	'94
Thomas C. Biddle.....	'81	George L. Chamberlain.....	'91	Henry J. Dern.....	'98
Benj. J. Bill.....	'79	Alfred N. Chamberlin.....	'99	G. C. Devine.....	'97
John Binnie.....	'75	Fremont E. Chandler.....	'03	Edwin S. Detweiler.....	'88
Joseph N. Black.....	'83	Ralph Chandler.....	'86	James H. Dittmore.....	'90
Buford D. Black.....	'97	Robt. R. Chapman.....	'04	Myrwood T. Dixon.....	'87
Albert C. Blanchard.....	'95	C. Chenoweth.....	'77	William T. Dougherty.....	'95
Edwin O. Boardman.....	'78	C. B. Chenoweth.....	'74	Ernest L. Dow.....	'87
Otto B. Bock.....	'04	Wm. C. Clarke.....	'05	Guy P. Doyle.....	'94
Curtis A. Boorman.....	'87	George Morgan Clarke.....	'03	Charles W. Doty.....	'88
Wm. H. Boone.....	'00	T. C. Clark.....	'81	Theodore Drozdowitz.....	'97
Frank H. Booth.....	'85	J. W. Clark.....	'99	Isaac H. Dunaway.....	'96
Charles Bolsta.....	'95	Burton Clark.....	'04	Alvaro Durkee.....	'01
A. I. Bouffleur.....	'87	Charles L. Clark.....	'84	Edwin Dudley.....	'86

W. Dunlop.....		Michael A. Griffin.....	'06	B. W. Jones.....	'81
William Dunlap.....	'60	Peter Grimm.....	'03	David N. Jones.....	'90
Oscar H. Duntun.....	'93	Ole Grothan.....	'04	S. S. Jones.....	
Thomas J. Dunn.....	'81	Frank A. Greedy.....	'97	Frank A. Jordan.....	'64
Lewis D. Dunn.....	'57	Bernard Gudden.....	'70	J. H. Junge.....	'01
B. B. Dunn.....	'01	Fred A. Guthrie.....	'06	Ludwig W. Juergens.....	'88
William Eaton.....	'67	Joseph A. Guertin.....	'00	Herman S. Judd.....	'98
Arnim C. Ecke.....	'03	J. F. Gsell.....	'05	Peter S. Kaadt.....	
Elmer M. Eckard.....	'06	Otto E. Haering.....	'86	D. S. Kaloyjian.....	'02
Aaron W. Edmiston.....	'80	Thomas H. Hall.....	'84	John P. Kaster.....	'81
David W. Edgar.....	'74	J. D. Hammond.....	'84	Wm. N. Keener.....	'85
A. H. Eddy.....	'06	Eugene C. Hamley.....	'02	John F. Keefer.....	'81
Joseph W. Edwards.....	'54	R. G. Hamilton.....	'76	Orson A. Kellogg.....	'00
Warner L. Eddy.....	'02	Wm. E. Ham.....	'82	Guy W. Kennicott.....	'85
Sol. Eisenstadt.....	'00	Wm. Mc M. Hanna.....	'86	William Kennedy.....	'81
Henry A. Eidson.....	'80	George H. Hansen.....	'06	Archibald A. Kerr.....	'96
Andrew Ekern.....	'87	Oscar L. Hansen.....	'07	Benj. F. Kierneff.....	
William H. Ellis.....	'80	Henry Hapeman.....	'82	Alex. Kindermann.....	'83
Charles H. Elkinton.....	'04	L. H. Hayman.....	'78	Elliott R. King.....	'05
C. N. Ellinwood.....	'58	H. L. Harris.....	'75	H. Klappenberger.....	'81
F. M. Elliott.....	'60	Oscar P. Harris.....	'00	Henry Klebs.....	'00
Benj. F. Elfrink.....	'02	Henry Harms.....	'88	F. Kleene.....	'87
John E. Engstad.....	'85	F. S. Hartman.....	'86	Henry Klein.....	'07
Edward C. English.....	'05	Don S. Harvey.....	'01	Henry H. Kleinpell.....	'00
James P. English.....	'70	Wm. E. Harwood.....	'80	Andrew Klingsbury.....	'60
Frank W. Epley.....	'77	John W. Harris.....	'84	A. A. Knapp.....	'01
David J. Evans.....	'08	S. Ingelby Harrison.....	'87	Harry L. Knight.....	
E. P. Evans.....	'04	John W. Harpster.....	'01	C. S. Knox.....	'83
Frank A. Everhard.....	'87	C. W. Hardman.....	'87	Joseph Knowles.....	'60
J. H. Eskridge.....	'76	Charles E. Hayward.....	'86	J. Kremer.....	'02
Charles A. Faber.....	'07	P. B. Hayes.....	'80	Albert J. Kreitzer.....	'06
Louis Falge.....	'87	L. B. Hayman.....	'86	Frank J. Kriebs.....	'91
D. B. Farnsworth.....	'77	W. Healey, Jr.....	'00	F. J. Kruell.....	'81
H. B. Favill.....	'83	Louis R. Head.....	'85	Sylvan Kunz.....	'01
George H. Fellman.....	'07	Henry H. Healy.....	'02	Wm. A. Laflen.....	'67
Curtiss T. Fenn.....	'67	G. A. Heidner.....	'88	John W. Lane.....	'74
E. S. Fitzmaurice.....	'02	L. Hektoen.....	'80	Oliver M. Layton.....	'05
Frank F. Fisk.....		Clarence E. Hemingway.....	'06	O. J. Lawry.....	'75
Martin H. Fischer.....	'00	H. C. Henderson.....	'06	Ignatz Lange.....	'88
E. W. Fisher.....	'02	John W. Hensley.....	'67	J. M. Lang.....	'05
James C. Fisher.....	'80	Fernand Henrotin.....	'68	Adolph W. Lakemeyer.....	'02
Frederick A. Fisher.....	'01	Edmund Henely.....	'00	A. Lagorio.....	'70
Frank Fitzgerald.....	'86	Charles W. Henry.....	'85	Fred H. Langhorst.....	'00
Henry J. Fleischer.....	'70	George K. Herman.....	'01	Lewis Leaming.....	'95
W. A. Foskett.....	'07	J. B. Herrick.....	'88	Wm. H. Lewis.....	'80
Abraham L. Fox.....	'82	Arthur J. Hermann.....	'88	Wm. H. Lee.....	'04
Philip R. Fox.....	'00	John H. Heron.....	'76	Walter H. Lewis.....	'05
John V. Fowler.....	'00	J. E. Hequembourg.....	'82	W. T. Leonard.....	'71
W. P. Frazier.....	'07	Frederick A. Hess.....	'72	C. W. Leigh.....	'83
John D. Freeman.....	'07	Leland G. Hewitt.....	'02	Kimball W. Leland.....	'02
W. M. H. French.....	'74	A. E. Hewitt.....	'74	Roy B. Leach.....	'01
Charles H. Froesch.....	'81	A. R. Hickman.....	'04	Charles F. Little.....	'63
William A. Fulton.....	'03	G. F. T. Hoffman.....	'61	George B. Little.....	'73
William Fuller.....	'87	Henry B. Hogeboom.....	'76	H. R. Littlefield.....	'70
Robert C. Fullenweider.....	'06	Carl J. Holman.....	'09	B. M. Linnell.....	'93
Arthur L. Gagnon.....	'00	Henry H. Hooker.....	'07	Franklin J. Lins.....	'07
Charles A. Gallagher.....	'82	Charles O. Hoiby.....	'02	David J. Loring.....	'78
George E. Gallen.....	'00	Edward E. Hoit.....	'85	Truman E. Loope, Jr.....	'04
George W. Gammon.....	'76	Samuel R. Hopkins.....	'00	James C. Lovejoy.....	'47
Lee Ganson.....	'04	Louis C. Hormell.....	'74	Richard Lord.....	'03
Stephen E. Gavin.....	'00	Edward D. Howland.....	'86	Frank E. Loomis.....	'01
M. H. Garten.....	'71	R. M. Houck.....	'82	Charles M. Long.....	'78
E. F. Gavin.....	'00	Thomas J. Houlihan.....	'02	Frank B. Lovell.....	'03
Jesse T. B. Gephart.....	'70	S. O. Hughes.....	'67	John A. Logan.....	'78
Otto H. Gerdes.....	'02	Solomon L. Hull.....	'80	John Eddy Luckey.....	'97
Samuel S. Glasscock.....	'87	Bader S. Hunt.....	'04	Thomas P. Lyman.....	'00
Frank J. Gobar.....	'85	H. P. Huntsinger.....	'70	P. S. Macdonald.....	'64
Albert Goldspohn.....	'78	A. F. Hyde.....	'82	Jeremiah Maher.....	'82
Joseph B. Goldberg.....	'02	Thomas H. Jamieson.....	'01	Andrew C. Mailer.....	'78
Wm. A. Gordon.....	'60	Milton Jay.....	'05	E. E. Major.....	'78
Henry T. Godfrey.....	'65	Frank W. Jay.....	'00	Wm. H. Maley.....	'07
Charles W. Gould.....	'01	Harrison E. Jewell.....	'86	M. Malkin.....	'02
Wm. B. Graham.....	'61	Walter L. Johnson.....	'68	Thomas C. Malone.....	'77
George H. Grant.....	'88	Fred G. Johnson.....	'00	Robt. M. Malster.....	'04
Ralph Graham.....	'00	H. B. Johnson.....	'02	Eugene F. Marquerat.....	'05
Samuel A. Graham.....	'87	George M. Johnson.....	'00	Solon Marks.....	'53
Wm. L. Grant.....	'03	Charles B. Johnson.....	'03	Edward W. Marquardt.....	'01
James Grassick.....	'85	E. A. Johnston.....	'07	V. F. Marshall.....	'08
Wm. W. Gregory.....	'07	Josiah Jones.....	'00	Marshall T. Martin.....	'80
John W. Green.....	'89	Richard R. Jones.....	'88	Oliver H. Martin.....	'74

John A. Masterson.....	71	Floyd D. O'Brien.....	76	Alpha E. Rockey.....	91
Louis L. Maywit.....	95	E. H. Ochsner.....	94	Frederick W. Rohr.....	87
Hugh E. McCaw.....	79	A. J. Ochsner.....	86	Louis A. Roller.....	81
Carleton M. McGuire.....	91	Carl O. Olson.....	91	C. F. Ross.....	81
George McKenzie.....	93	J. C. Ohlmacher.....	91	Joseph L. Ross.....	91
L. L. McCurdy.....	99	Wm. E. Owen.....	89	A. B. Rosenberry.....	83
Edwin B. McAllister.....	94	Herbert A. Owen.....	98	Oliver J. Roskoten.....	82
Wm. F. McBride.....	95	Charles M. Oughton.....	84	Lewis Rothman.....	87
Pitt Y. McCoy.....	63	Edward Otto.....	89	Wm. H. Rowe.....	82
F. A. McGrew.....	93	Thomas I. Packard.....	95	J. J. Rudis.....	96
Wm. R. McMahon.....	68	Walter A. Palmer.....	92	F. H. Russell.....	99
George H. McClure.....	83	Roland Parmeter.....	95	James A. Rutledge.....	86
W. C. McDonough.....	84	Thomas Parker.....	86	E. H. Sammons.....	80
Clarence A. McGuire.....	84	P. M. Parrish.....	95	Frank E. Sampson.....	91
M. S. McCreight.....	94	Z. E. Patrick.....	72	Charles W. Sanders.....	81
John C. McClintock.....	79	Wm. R. Patton.....	62	Robert G. Sayle.....	85
C. E. McCarty.....	97	Judson C. Panter.....	70	H. G. G. Schmidt.....	96
James McMorris.....	72	Edward W. Paul.....	84	Wm. C. Schmitz.....	86
Charles McCutcheon.....	86	Wm. A. Peterson.....	86	Augustus H. Schott.....	87
Charles F. McCauley.....	92	S. G. Peterson.....	97	J. T. Scollard.....	87
Charles F. McComb.....	79	A. C. Pettijohn.....	78	George J. Schottler.....	96
Charles A. McCollom.....	68	John C. Petrovitsky.....	91	Leonard F. Schmauss.....	97
E. L. McEwen.....	97	J. S. Perekhan.....	88	Theo. H. Schreuder.....	91
Lewis L. McArthur.....	80	James W. Pettit.....	84	Max Schmeling.....	83
Charles W. McPherson.....	82	Luther H. Phipps.....	87	G. F. Schreiber.....	75
P. L. McKinnie.....	72	Francis I. Pinch.....	76	Harry B. Sears.....	82
John G. McKinney.....	68	Willis F. Pierce.....	80	D. B. Seger.....	68
David H. McFarland.....	70	Frank S. Pierce.....	95	E. J. Senn.....	93
E. Joe McEntire.....	95	Frank E. Pierce.....	98	Fred S. Selby.....	93
George B. McCosh.....	80	Gilbert L. Pritchett.....	78	Thomas J. Shaw.....	80
S. E. McClelland.....	84	Joseph Prendergast.....	94	Myron A. Shaw.....	83
Robt. A. McClelland.....	78	Elmer E. Prescott.....	93	F. W. Shaley.....	84
Wm. L. McCandless.....	72	Cyrus E. Price.....	93	John G. Sheldon.....	79
Arthur MacNeal.....	92	Arthur E. Price.....	97	John G. Sheldon.....	95
Peter C. Meengs.....	96	Lawrence H. Prince.....	85	Horace W. Sheldon.....	89
M. R. Meili.....	96	John G. Poole.....	92	John J. Sherman.....	81
Wm. A. Metzger.....	96	Geo. Potter.....	91	Francis R. Sherwood.....	88
Jeremiah Metzger.....	91	Wm. A. Porter.....	91	Anton Shimonek.....	73
Robt. E. Minahan.....	86	M. D. Pollock.....	95	G. F. Shimonek.....	74
Charles A. Milton.....	81	E. J. Porter.....	78	Edgar B. Shumway.....	84
Norman E. Mighell.....	84	Robert M. Pollock.....	95	Stephen B. Sims.....	92
Walter Miles.....	98	Abraham Poska.....	90	George H. Simmons.....	92
Frank W. Miller.....	94	F. H. Pugh.....	97	Francis A. P. Sieber.....	83
Thomas H. Miller.....	93	Wm. E. Putnam.....	89	Asher F. Sippy.....	92
Jas. W. Miller.....	84	Joseph A. Purtell.....	99	B. W. Sippy.....	90
George M. Mills.....	83	Edward J. Purtell.....	91	Lewis H. Skaggs.....	63
Arthur I. Mitchell.....	81	Tilford L. Putnam.....	85	Adolph Slaman.....	82
Edward L. Mitchell.....	82	Niles T. Quales.....	66	S. R. Slaymaker.....	92
F. W. Moffitt.....	82	H. Raasoch.....	96	Milton G. Sloan.....	73
F. H. Montgomery.....	88	Wm. L. Rabe.....	66	John F. Sloan.....	99
Edward S. Montgomery.....	94	John M. Rankin.....	63	Milo G. Sloo.....	93
W. T. Montgomery.....	71	F. P. Rasmussen.....	78	George Smieding.....	90
Daniel G. Moore.....	79	Charles C. Reed.....	93	George L. Smith.....	79
W. H. C. Moore.....	67	W. B. Rehling.....	93	Charles S. Smith.....	84
Adolph Moeller.....	88	Daniel W. Relihan.....	96	Ralph T. Smith.....	90
H. L. Moffatt.....	90	James C. Reynolds.....	70	John E. Smith.....	90
W. H. Morgan.....	74	P. J. Reynolds.....	94	H. Watson Smith.....	78
John L. Morris.....	93	M. G. Reynolds.....	80	Wm. Lloyd Smith.....	85
Duncan D. Monroe.....	91	P. A. Reppert.....	93	Webster C. Smith.....	84
Robert L. Nourse.....	89	George W. Rezanka.....	93	Alfred F. Snyder.....	97
Wm. H. Muelchi.....	91	Edson Rhodes.....	83	P. E. Somers.....	90
Edwin R. Mulford.....	95	Walter R. Rhodes.....	92	James S. Sorenson.....	80
Jas. H. Murphy.....	95	James R. Richards.....	87	J. F. H. Sugr.....	89
F. G. Murray.....	90	Newton J. Rice.....	91	J. C. Stamm.....	84
J. B. Murphy.....	94	Raymond G. Richards.....	92	Charles H. Starkel.....	99
George Mueller.....	73	H. W. Richardson.....	97	Earl R. Steen.....	98
Columbus L. Myers.....	82	Edwin A. Riley.....	94	A. F. Stevenson.....	90
Wm. H. Myers.....	86	James C. Riordan.....	91	David W. Stevenson.....	94
H. M. Newman.....	80	John H. Rippey.....	80	George M. Stevens.....	70
A. B. Newkirk.....	92	John Ritter.....	93	John H. Stewart.....	81
Amos J. Newell.....	90	Burchard H. Roark.....	96	David T. Stewart.....	99
Oliver C. Neier.....	92	Albert L. Robinson.....	99	J. L. Stever.....	82
Alex Nadeau.....	94	J. F. Roe.....	80	Roland J. Stiver.....	94
John S. Niven.....	81	Herbert A. Robinson.....	72	Charles A. Stone.....	70
Walter H. Nielson.....	97	George W. Roberts.....	71	Z. T. Stanley.....	82
Wm. G. Nicholson.....	88	George F. Roberts.....	97	Albert Geo. Stoddard.....	85
J. H. Nichols.....	85	Fernando C. Robinson.....	95	J. J. Stoll.....	73
George B. Noyes.....	93	Albert J. Roe.....	95	George D. Swaine.....	93
W. L. Noble.....	85	Thomas E. Roberts.....	95		
Thos. W. Nuzum.....	85	A. W. Rogers.....	95		

C. F. Sweney.....	'81	B. J. Wade.....	'97	Wm. B. Whitaker.....	'97
Thomas J. Swisher.....	'03	Thos. A. Wakely.....	'68	J. W. Whitmire.....	'77
Carl G. Swenson.....	'91	Frank E. Wallace.....	'96	George W. Whitefield.....	'86
W. A. Uehren.....	'84	Harry W. Wardle.....	'97	John W. Whiteside.....	'84
Lyman L. Uhls.....	'84	Israel B. Washburn.....	'61	George S. Williams.....	'88
John H. Urquhart.....	'95	Frank R. Warren.....	'96	W. H. Wirt.....	'69
J. D. Taylor.....	'93	Horace Wardner.....	'56	John C. Williams.....	'94
Edw. A. Taylor.....	'90	Edward Was.....	'84	W. H. Wilder.....	'94
J. L. Taylor.....	'04	B. A. Warren.....	'02	Theo. Wild, Jr.....	'08
Harris E. Timmerman.....	'00	P. A. Wakefield.....	'99	Theo. Wild.....	'05
Wm. W. Torrence.....	'80	Samuel H. Watson.....	'99	George H. Willis.....	'00
Louis J. Townsend.....	'96	Cassius M. C. Walters.....	'02	E. R. Willard.....	'52
John W. Tope.....	'77	H. A. Ware.....	'98	George G. Wilcox.....	'82
Charles True.....	'66	Thos. J. Walsh.....	'98	Frank T. Wilcox.....	'90
Wm. Treacy.....	'77	Harry W. Waterous.....	'85	Wm. C. F. Witte.....	'96
J. B. Trowbridge.....	'82	George H. Weaver.....	'80	David D. Wilson.....	'90
Frank S. Tuffley.....	'03	W. S. Weaver.....	'95	Oscar C. Willhite.....	'94
De Witt C. Tyler.....	'81	John R. Webster.....	'58	A. A. Wipf.....	'94
Lawrence H. Thayer.....	'00	Benj. O. Webb.....	'78	R. Wernick.....	'82
James L. Thompson.....	'60	H. G. Wells.....	'98	G. A. Weed.....	'90
W. N. Thompson.....	'86	Samuel S. Weidner.....	'75	C. G. West.....	'00
J. Austin Thompson.....	'90	R. Weible.....	'01	S. D. Wescott.....	'83
G. F. Thompson.....	'90	D. E. W. Wenstrand.....	'01	Charles L. Wright.....	'86
John J. Thometz.....	'82	John Weinlander.....	'01	O. P. B. Wright.....	'05
Charles D. Thomas.....	'88	John Weir.....	'96	Ernest Wood.....	'02
A. Thrane.....	'68	Albert Weil.....	'93	Titus P. Yerkes.....	'64
E. B. Trovillion.....	'86	Oscar G. Wernicke.....	'80	Hiram O. B. Young.....	'06
W. C. Van Nuys.....	'02	Spencer C. Wernham.....	'74	O. G. Youngquist.....	'86
V. Van Werder.....	'85	James I. Wernham.....	'02	Albert C. Yoder.....	'02
F. C. Vandervort.....	'81	Charles J. Whalen.....	'91	James R. Zearing.....	'50
John N. Venard.....	'73	David H. Wherritt.....	'02	Solomon L. Zeltner.....	'05
H. S. Vernon.....	'00	Charles A. White.....	'71	Thomas Zeien.....	'84
W. P. Verity.....	'79	Charles R. Whitney.....	'94	George F. Zerzan.....	'00
Clark W. Voorheis.....	'77	John A. White.....	'94	Harley A. Zinser.....	'05
Charles H. Voorheis.....	'93				

ILLINOIS OUTSIDE OF CHICAGO

No. of alumni.....	742
No. of responses.....	158
Per cent. of alumni contribut- ing.....	21
Total amount received.....	\$89.60
Average contribution.....	57

MICHIGAN

No. of alumni.....	102
No. of responses.....	23
Per cent. of men contribut- ing.....	22.55
Total amount received.....	\$16.65
Average contribution.....	72

KANSAS

No. of alumni.....	118
No. of responses.....	38
Per cent. of men contribut- ing.....	32.20
Total amount received.....	\$27.00
Average contribution.....	71

CHICAGO—ILLINOIS

No. of alumni.....	682
No. of responses.....	134
Per cent. of alumni contribut- ing.....	20
Total amount received.....	101.60
Average contribution.....	1.43

CALIFORNIA

No. of alumni.....	91
No. of responses.....	24
Per cent. of men contribut- ing.....	26.37
Total amount received.....	\$19.20
Average contribution.....	80

INDIAN TERRITORY

No. of alumni.....	9
No. of responses.....	1
Per cent. of men contribut- ing.....	16.7
Total amount received.....	\$0.25
Average contribution.....	25

OREGON

No. of alumni.....	29
No. of responses.....	8
Per cent. of alumni contribut- ing.....	27.59
Total amount received.....	\$7.15
Average contribution.....	87

SOUTH DAKOTA

No. of alumni.....	73
No. of responses.....	16
Per cent. of men contribut- ing.....	20.92
Total amount received.....	\$6.70
Average contribution.....	42

WISCONSIN

No. of alumni.....	500
No. of responses.....	109
Per cent. of men contribut- ing.....	21.8
Total amount received.....	\$50.30
Average contribution.....	46

MINNESOTA

No. of alumni.....	170
No. of responses.....	36
Per cent. of alumni contribut- ing.....	21.18
Total amount received.....	\$31.40
Average contribution.....	59

WASHINGTON

No. of alumni.....	42
No. of responses.....	9
Per cent. of men contribut- ing.....	21.4
Total amount received.....	\$5.95
Average contribution.....	66

INDIANA

No. of alumni.....	253
No. of responses.....	46
Per cent. of alumni contribut- ing.....	18.18
Total amount received.....	\$19.50
Average contribution.....	42

OHIO

No. of alumni.....	50
No. of responses.....	14
Per cent. of men contributing.....	28
Total amount received.....	\$7.60
Average contribution.....	54

IOWA

No. of alumni.....	450
No. of responses.....	76
Per cent. of men contributing.....	16
Total amount received.....	\$32.75
Average contribution.....	43

MONTANA

No. of alumni.....	19
No. of responses.....	6
Per cent. of men contribut- ing.....	31.8
Total amount received.....	\$3.20
Average contribution.....	53

NORTH DAKOTA		Per cent. of men contribut-		NEW MEXICO	
No. of alumni.....	35	ing.....	16.67	No. of alumni.....	5
No. of responses.....	11	Total amount received.....	\$1.15	No. of responses.....	2
Per cent. of men contribut-		Average contribution.....	57	Per cent. of men contributing.....	40
ing.....	31.43			Total amount received.....	\$1.10
Total amount received.....	\$9.20			Average contribution.....	55
Average contribution.....	84				
MISSOURI		COLORADO		WYOMING	
No. of alumni.....	60	No. of alumni.....	58	No. of alumni.....	5
No. of responses.....	7	No. of responses.....	13	No. of responses.....	2
Per cent. of men contribut-		Per cent. of men contribut-		Per cent. of men contributing.....	40
ing.....	11.67	ing.....	22.41	Total amount received.....	\$1.00
Total amount received.....	\$3.15	Total amount received.....	\$16.55	Average contribution.....	50
Average contribution.....	45	Average contribution.....	1.27		
UTAH		NEBRASKA		IDAHO	
No. of alumni.....	23	No. of alumni.....	156	No. of alumni.....	12
No. of responses.....	5	No. of responses.....	24	No. of responses.....	6
Per cent. of men contribut-		Per cent. of men contribut-		Per cent. of men contributing.....	50
ing.....	21.74	ing.....	15.39	Total amount received.....	\$5.90
Total amount received.....	\$1.75	Total amount received.....	\$8.85	Average contribution.....	98
Average contribution.....	35	Average contribution.....	37		
ARIZONA		OKLAHOMA		HAWAIIAN ISLANDS	
No. of alumni.....	12	No. of alumni.....	16	No. of alumni.....	6
No. of responses.....	2	No. of responses.....	1	No. of responses.....	1
		Per cent. of men contribut-		Per cent. of men contribut-	
		ing.....	6.25	ing.....	16.70
		Total amount received.....	\$0.25	Total amount received.....	\$0.75
		Average contribution.....	25	Average contribution.....	75

NOTE.—\$184 was received by the Secretary and Treasurer not included in the above tabulation, mostly from Alumni in Chicago.

Handwritten calculations and numbers:

1022

1021

5400

1013

8

88

6

8

437 | 704 |

437

267

27

221

79

The Bulletin

OF THE ALUMNI OF RUSH MEDICAL COLLEGE

Volume I

MARCH, 22, 1905

No. 3

Published Quarterly—Middle of August, December, March and June
B. M. LINNELL, Editor - - 100 State Street, CHICAGO, ILL

OFFICERS

PRESIDENT—D. H. Bowen, '76, - - - Waukon, Iowa.
FIRST VICE-PRESIDENT—L. G. Bass, '80, - - - Chicago.
SECOND VICE-PRESIDENT—Henry Blank, '85, - - - Jackson, Wis.
THIRD VICE-PRESIDENT—T. J. Creel, '93, - - - Angola, Ind.
NECROLOGIST—A. L. Craig, '98, - - - Chicago.
SEC. AND TREAS.—B. M. Linnell, '93, - 100 State St., Chicago.

EXECUTIVE COMMITTEE.

A. I. Bouffleur, '87, Chicago. John Edwin Rhodes, '86, Chicago.
C. A. Ullerick, '93, Chicago, Ill.

COMMITTEE ON FELLOWSHIP FUND.

George H. Weaver, '89, Chicago, Chairman.
A. I. Bouffleur, '87, Chicago. T. C. Clark, '86, Stillwater, Minn.
C. D. Wescott, '83, Chicago. Sam'l Bailey, '79, Mt. Ayr, Iowa.
Geo. Deacon, '85, Pasadena, Cal. R. L. Nourse, '89, Hailey, Idaho.
John D. Freeman, '97, Topeka, Kan.

The Quarterly Commencement for the Winter Quarter will be held in the Upper Amphitheater of the College Friday, March 24, at 4 p. m. Prof. J. Clarence Webster will deliver a memorial address on the late Dr. DeLaskie Miller, and Prof. Judson of the University of Chicago will address the students on "Medical Research as It Appears to a Layman."

The informal meetings of the Rush Alumni at luncheon at the three state meetings last year, Illinois, Wisconsin and Iowa, were such a success that the Executive Committee of the Association are trying to arrange for similar gatherings at the state meetings this year. Meetings will be held at the following state gatherings: Michigan, Petoskey, June 20-30; Indiana, West Baden, June 7-9; Illinois, Rock Island, May 16-18; Wisconsin, La Crosse, June 7; Iowa, Des Moines, May 17-19; Minnesota, St. Paul, June 1-2; Nebraska, Beatrice, May 23-24; Kansas, Wichita, May; North Dakota, Grand Forks, May 24-25; South Dakota, Deadwood, May; American Medical Association, Portland, Ore., July, 1905.

The exact date of the Wisconsin, Kansas and South Dakota meetings are not published as yet. Notices of these meetings will appear later in *The Journal of the American Medical Association* and in the various state programs. We are arranging to have one or two Professors from the College present at each of the above named meetings. This will be a good opportunity for those who can not come to Commencement to meet and hear about Rush and her Alumni.

At the end of 1904 the Library contained nearly 13,000 volumes and something like 8,000 reprints. It receives regularly 175 periodicals—American, English, French, German, Italian and Scandinavian. The Library has become one of the most important factors in the education of the students and is one of the features of

Rush Medical College. This is as it ought to be. It has received most substantial gifts from members of the Faculty. Professor Fenger donated a valuable collection during his life and devised to Rush College his private medical library, making in all about 6,000 volumes; and Professor Lyman donated 1,100 volumes. Numerous smaller gifts have been received from the Faculty. The recent appeal to the Alumni brought 284 reprints, 157 being written by Alumni. One Alumnus—Dr. Grosvenor—sent 80 volumes. The Alumni can do much for the Library by sending it books and especially medical journals; the latter are useful in completing the sets. Reprints of all articles written by Alumni should be sent to the Library.

CIRCULAR OF INFORMATION.—To date 693 have filled out and sent to Professor Haines the circular letter mailed with the last BULLETIN. We should have had three times as many replies. If you didn't get the letter, let Professor Haines know and one will be sent. If you have not filled out your letter, do it *now*.

THE ADDRESS BOOK OF THE ALUMNI contains a great many errors. A long list of corrections have been sent. But we want information about all of the Alumni, and especially about members of the earlier classes. When we came to mail THE BULLETIN we found we had the addresses of 4,232 Alumni; about 40 of these went astray and we have received over 100 corrections. Nothing would please Professor Haines better than to hear from each one of the 4,300 living Alumni.

MEMBERS OF THE ALUMNI ASSOCIATION.—We now have a membership of 484. We ought to have at least 1,000 names on the roll. That would be less than one in four of our total Alumni. If you are not on one of the two lists published, it is because we hadn't received your dollar up to March 15, 1905. THE BULLETIN at present is being sent to everyone whose address we have. We can't keep it up forever. We have the Fellow to pay.

THE BULLETIN contains in this issue Dr. Rosenow's latest article on pneumonia. Only a part of this work was done under the Fellowship. But we take pleasure in sending it to each one of the Alumni. We feel proud of this work done by our first Fellow. Others will do good work, too, if you and I see that they have a chance under the Fellowship Fund. One thousand members will put the Fund, THE BULLETIN and Association on a firm financial foundation.

MEMBERSHIP LIST.—Some of these names were omitted through error from the list published in THE BULLETIN in December, '04. Others have been added since. The list includes all of those who have contributed \$1.00 or more to the Fellowship Fund up to March 15, '05.

Abraham '98, Ames '62, Andrist '00, Arnold '95, Adams '75, Armstrong '59, Arnold '82, Ashby '05, Atkinson '91, Avery '01, Babcock '64, Bachele '67, Baer '89, Banker '04, Barnes '00, Bear '03, Beck '83, Beckmann '96, Beise '01, Benson '02, Bergen '89, Bernhardt '02, Bevan '83, Bicknell '70, Bill '79, Binnie '75, Black '97, Bland '00, Boardman '78, Boone '00, Bone '66, Booth '85, Bouffleur '87, Bowen '76, Boyd '81, Brainard '78, Brierlinger '00, Brittin '84, Broughton '69, Brundage '01, Bryan '89, Buchanan '83, Bucher '63, Butler '91, Butterfield '80, Carr '84, Caples '91, Casebeer '93, Cassingham '75, Center '94, Chandler '86, Chenoweth '69, Ciapp '89, Clark '84, Clark '84, Clark '81, Clayberg '72, Cole '83, Coleman '84, Collier '89, Condon '00, Cook '98, Coon '83, Cord '00, Cornell '71, Cottoington '77, Cotton '78, Crane '92, Crocker '87, Crompton '71, Currens '78, Curtis —, Daniels '89, Danielson '00, Deacon '85, Dearholt '00, Defrees '88, DeLong '99, David '69, Dittmore '99, Doty '88, Dowd '99, Drozdowitz '97, Dudley '86, Dunlop '69, Dunn '91, Edmiston '80, Ekern '87, Ehlert '99, Ellinwood '58, Farnsworth '77, Farrow '75, Fenn '67, Fitzgerald '86, Fischer '01, Fisher '92, Fisher '91, Foskett '91, Fox

'82, Freeman '97, Garten '71, Gavin '99, Gauss '04, Gephart '70, Glasscock '87, Glynn '92, Godfrey '65, Goldstine '00, Gordon '69, Graham '00, Greedy '87, Gregory '97, Grimm '93, Gudden '79, Guthrie '96, Ham '82, Hamilton '77, Hammond '84, Hanson '96, Hapeman '82, Hartman '86, Harwood '89, Hassett '90, Hatch '60, Hayman '86, Head '85, Healy '00, Henley '99, Henn —, Henrotin '68, Hequembourg '82, Heron '76, Hess '73, Hill '75, Hill '01, Hodgson '86, Hoffman '61, Hogeboom '54, Hontz '88, Hopkins '00, Howland '86, Hubenthal '96, Hughes '67, Hunt '94, Ingals '71, Ingalls '88, Jay '80, Johnson '01, Jones '81, Junge '91, Kaster '81, Kelly '92, Kenefick '92, Kessel '85, Klappenberger '81, Klebs '00, Klein '97, Kleinman '00, Knapp '91, Knappenberger '81, Knox '83, Kreitzer '96, Kriebs '81, Kunz '91, Lackey '97, Lagorio '79, Lakemeyer '02, Laughorst '00, Lee '93, Leonard '69, Lewin '92, Libbey '90, Littlefield '70, Lord '82, Luckey '97, Lyon '96, Macdonald '64, MacNeal '92, Maley '97, Malkin '02, Malone '77, Marks '53, Marquerat '95, Marshall '98, Mathis '84, Maxwell '90, Mayer '79, McBride '95, McCandless '72, McCarty '97, McCauley '02, McClelland '78, McClelland '84, McClintock '79, McClure '00, McCreight '94, McDonough '02, McKenney '89, McEntire '95, McFarland '70, McGuire '84, McKenzie '74, McKenzie '93, McLean '63, McMorris '72, Macher '80, Meengs —, Melvin '84, Milton '81, Mitchell '81, Mitchell '82, Montgomery '88, Murphy '79, Neier '90, Newkirk '80, Nielson '81, Nichols '94, Nichols '96, Nourse '89, Novak '85, O'Brien '03, Oliver '80, Olson '03, Olson '86, Oughton '84, Owen '89, Papot '04, Parker '86, Parkes '93, Parrish '95, Patton '90, Perekhan '88, Peterson '86, Peterson '97, Pickering '93, Pierce '93, Pollock '95, Pollock '95, Pomainville '99, Prescott '93, Price '98, Prince '85, Putnam '85, Putnam '89, Quales '66, Raasoch '96, Randall '97, Redlich '83, Relihan '96, Rezanka '93, Richardson '62, Riley '97, Riordan '94, Ritter '80, Roberts '97, Robinson '78, Robinson '96, Rockey '91, Rose '99, Roller '81, Rosenberry '83, Roskoten '82, Ross '79, Rothman '87, Rowe '82, Rutledge '86, Sammons '80, Schmauss '97, Schmeling '83, Schlotter '96, Scollard '87, Seger '68, Senn '93, Sheldon '99 Sheldon —, Shimonek '73, Shipman '81, Shumway '74, Sieber '83, Sippy '90, Slaymaker '92, Slaman '82, Sloo '03, Smith '69, Smith '85, Smith '78, Somers '97, Soper —, Soper '01, Snyder '84, Speirs '00, Steen '99, Stevens '94, Stevenson '98, Stewart '81, Stewart '70, Stiver '89, Stoelting '81, Stoll '85, Sugg '80, Swaine '73, Swezey '94, Swisher '03, Taylor '90, Taylor '93, Thompson '99, Thompson '94, Thompson '60, Thrane '68, Tipton '02, Tracy '77, Tomelty '99, Trobridge '82, Trovillion '86, True '66, Tumerman '00, Uehren '01, Uhls '84, Venard '73, Werden '85, Walder '97, Wallace '96, Walters '92, Wardner '56, Warner '96, Watson '99, Wells '98, Wells '00, Wells '90, West '90, Whamond '96, Whitefield '86, Whiteside '84, Whitmire '77, Wieland '88, Wild '92, Wilder '84, Wilcox '90, Wilcox '82, Williams —, Will '69, Willard '98, Williams '94, Wilson '81, Wine '01, Winterbotham '96, Wipf '94, Witherstine '86, Yoder '02, Zinser '95.

THE BLOOD OF LOBAR PNEUMONIA, WITH REMARKS CONCERNING TREATMENT.*

EDWARD C. ROSENOW, M.D.
CHICAGO.

BACTERIOLOGY OF THE BLOOD.

Of the total number of 175 cases of lobar pneumonia in which I have made blood cultures, 145 cases were reported in another article,¹ and 30 have been made since. In this series of 175 cases the pneumococcus was isolated in all but 15—that is, in over 91 per cent. Usually, only one culture (3 to 4 flasks) was required to demonstrate the presence of pneumococci in the blood, though occasionally a second culture was necessary to obtain the organism. In 11 of the 15 negative cases, only one culture was made, there being no opportunity for a subsequent examination. In the remaining 4 cases it was impossible, by repeated cultures, to demonstrate the pneumococcus in the blood. In one of these 4 a careful search in smears prepared directly from the blood showed undoubted pneumococci.

The leucocytosis in these 4 cases was high, and I was inclined to believe that the negative findings were the result, possibly, of an active phagocytosis; but the fact that in other cases with equally high leucocyte counts there were positive results, made this explanation seem improbable. A closer study showed that the cultures with negative results were made within twenty-four hours of crisis, while the cultures which resulted positively were made two or more days before crisis. Hence there seems to be a diminution in the number

* Summary of an investigation carried out in the Pathological Laboratory and in the Presbyterian Hospital, under the Alumni Fellowship Fund of Rush Medical College. This paper was read before the Chicago Medical Society, 1904.

1. Journal of Infectious Diseases, March, 1904. Here also is given a review of the literature.

or viability or both of the pneumococci in the blood at the time of crisis. To this we will return later. Positive results were obtained as early as twelve hours after the initial chill, and as long as forty-eight hours after crisis. Cultures after crisis, however, usually proved sterile.

The mortality in the series studied was almost 40 per cent. The percentage of positive results, excepting the last twenty-four hours of life in the fatal cases, is equally high in the fatal and in the non-fatal cases. This seems to justify the conclusion held by Fränkel, Prochaska, Kinsey and others, that with proper technic blood cultures are of little or no prognostic value, because positive in both the fatal and non-fatal cases. A negative result indicates nothing, except probably that something is wrong in the technic. This is very well illustrated by the investigation of F. C. Kinsey,³ who studied the blood in 50 cases of pneumonia in the same epidemic. In his first 25 cases positive results were obtained in only 3. After modifying his technic, however, the results in his next 25 cases are practically the same as in this series. Fränkel has had a similar experience.

That the pneumococcus is not only present, but present in large numbers in the blood, as Preble recently showed in a number of cases, is indicated by the fact that by direct examination of smears in this series the pneumococcus was found in 47 out of some 80 cases examined. In no instance could I demonstrate pneumococci in leucocytes.

In the light of these findings we would certainly be more justified in asking why we do not have complications in every case, than by asking how this micro-organism gains entrance to the remote parts of the body.

In the atypical pneumonias and in vague infections where the diagnosis is otherwise difficult or impossible, blood cultures are of great value. Thus in a case which Dr. J. L. Miller kindly allows me to report, the blood culture was the means of deciding in twelve hours whether an atypical pneumonia following pregnancy was due to a streptococcus infection secondary to a probable uterine infection, or to a pneumococcus

infection independent of the pelvic condition. The patient recovered after developing an empyema in which the pneumococcus was demonstrated in pure culture. In 5 other cases in this series the blood examination was the means of making the diagnosis.

By the aid of blood culture the number of cases of pneumonia in which the pneumococcus is found in the blood before any physical findings are present is constantly growing; indeed, cases of pneumococcus infection of the blood have been observed by Preble and others in which no physical signs of consolidation of the lungs were demonstrable, and yet the course was typical of pneumonia. Invasion of the blood in this present series seems to have been primary in point of time in at least some cases, and the view that pneumonia may be the secondary localization of a primary blood invasion and not a local disease seems to be gaining ground.

CELLULAR CHANGES IN THE BLOOD.

Böckmann has demonstrated that in pneumonia, as in other acute infections, the number of erythrocytes are inversely proportionate to the degree of temperature. There is scarcely any infection in which the production of anemia is so rapid as in pneumonia.

It is not necessary to speak here of the diagnostic value of leucocyte counts, but I wish to emphasize the impossibility of making a reliable prognosis in pneumonia from the leucocyte count alone, except where there is a marked leucopenia; when studied in relation to the clinical picture, which is of the utmost importance, however, the leucocyte count becomes at once of great prognostic significance. Other things being equal, a high leucocytosis is a favorable sign. Thus in 16 fatal infections out of 40 cases studied, the average leucocytosis is 12,000, while in the remaining cases with recovery the average is 20,000.

Patients with excessively high leucocyte counts are apparently more prone to the development of empyema and other complications, although it is very difficult to say whether or not the hyperleucocytosis is not the result of an already infected pleura, etc., not demonstrable clinically.

In my previous paper, it is shown that there exists a very close relationship between leucocytosis and blood invasion of pneumococci in the rabbit. Believing that

a knowledge of the exact number of pneumococci per c.c. of blood in pneumonia with a simultaneous leucocyte count would throw important light on the exact rôle the white corpuscle plays in this infection, I applied the plate method to the study of the blood in pneumonia, as I had done in the rabbit experiments. In this way I was able to show that the higher the leucocytosis the fewer the number of viable pneumococci in the circulating blood, and vice versa. Thus in seven patients with leucocytosis ranging from 35,000 to 43,000, the number of pneumococci which developed was very small indeed, varying from 0 to 25 per c.c. of blood. On the other hand, in cases of graver infection where there was a leucopenia, or only a moderate leucocytosis, the number ranged from 100 to 1,350 per c.c.

THE AGGLUTINATING AND ACID-PRODUCING PHENOMENA
ASSOCIATED WITH THE GROWTH OF PNEUMOCOCCI
IN PNEUMONIC SERUM.

In the agglutination tests the serum from 96 patients and 55 strains of pneumococci were used. Feeble agglutinating reactions were obtained as early as the second day of the disease, gradually growing more marked as crisis was reached and diminishing gradually thereafter. The highest dilution at which agglutination could be obtained was 1 in 50. Owing to the difficulty involved, the agglutination of the pneumococcus is of little practical value, being principally of scientific interest.

Normal and pneumonic serum in the test-tube have no bactericidal property toward the pneumococcus. It grows equally well in both, with this important difference, however: in normal serum the growth produces scarcely any appreciable precipitation, while in pneumonic serum a voluminous sediment appears, associated with the production of a well-marked acid reaction. By a series of experiments too long to detail here I have been able to prove that this sediment is a direct result of acids present.

This observation led at once to the following question: Does the pneumococcus, by its growth in the consolidated lung and in the blood of the patient during life, produce acids as it does in the test-tube, and if so, may not some of the symptoms of pneumonia be due to an acid intoxication?

In support of this view we now have the following evidence:

1. It has been shown in this investigation for the first time that the pneumococcus, when grown in pneumonic serum, produces a marked acid reaction.

2. A careful study of the literature seems to justify the statement that late in pneumonia after the powers of resistance fail, and after death, investigators have uniformly found a diminished alkalinity of the blood.

3. Smith and others "find a uniformly acid reaction of the lung tissue in patients dying from pneumonia."

4. Through the kindness of Dr. Frank Billings, I am able to report the following observation: In the treatment of 7 cases of pneumonia by the administration of large doses of alkalies, it was noted that the urine became strongly alkaline in reaction, and remained so until the time of crisis. At this time, however, when the products of resolution were being rapidly absorbed, the urine became acid in reaction for a period of time varying from twenty-four to forty-eight hours in 4 cases. In 3 cases the urine instead of becoming acid was neutral in reaction during the same period, but with an increased dosage of alkali, in all cases the urine subsequently became alkaline.

These findings point in the direction that pneumonia is an acid intoxication. Granting this, would not the administration of alkalies in large doses be indicated in the treatment of this disease? In fact, we may here have a rational explanation of the good results claimed by some investigators from the continuous administration of alkaline waters, etc., in the treatment of pneumonia. In the service of Dr. Billings at the Presbyterian Hospital, the alkaline treatment of pneumonia has been used clinically for nearly a year. From 1 to 3 drams of sodium bicarbonate, dissolved or suspended in at least 4 ounces of water, is given every two hours by mouth. When patients are unable to swallow, larger doses are given by the rectum. No other treatment has been used except that, when necessary, free catharsis has been instituted and an attempt made to retain the heart's strength by venesection, and by the use of heart tonics when indicated; this, however, is usually unnecessary.

The Bulletin

OF THE ALUMNI OF RUSH MEDICAL COLLEGE

Volume 1

MAY 20, 1905

No 4

Published Quarterly—Middle of August, December, March and May

B. M. LINNELL, Editor

- - 100 State Street, CHICAGO, ILL.

OFFICERS

PRESIDENT—D. H. Bowen, '76, - - - Waukon, Iowa.
FIRST VICE-PRESIDENT—L. G. Bass, '80, - - - Chicago.
SECOND VICE-PRESIDENT—Henry Blank, '85, - - Jackson, Wis.
THIRD VICE-PRESIDENT—T. J. Creel, '93, - - - Angola, Ind.
NECROLOGIST—A. L. Craig, '98, - - - Chicago.
SEC. AND TREAS.—B. M. Linnell, '93, - - 100 State St., Chicago.

EXECUTIVE COMMITTEE.

A. I. Bouffleur, '87, Chicago. John Edwin Rhodes, '86, Chicago.
C. A. Ullerick, '93, Chicago,

COMMITTEE ON FELLOWSHIP FUND.

George H. Weaver, '89, Chicago, Chairman.
A. I. Bouffleur '87, Chicago. T. C. Clark, '86, Stillwater, Minn.
C. D. Wescott, '83, Chicago. Sam'l Bailey, '79, Mt Ayr, Iowa.
Geo. Deacon, '85, Pasadena, Cal. R. L. Nourse, '89, Hailey, Idaho.
John D. Freeman, '97, Topeka, Kansas.

Program for Commencement Week, 1905.

Sunday, June 11:—

3:30 p. m., Baccalaureate Sermon in the upper amphitheater of the college building by Doctor Emil G. Hirsch of Sinai Temple, Chicago.

Monday, June 12:—

10—12 a. m., Clinic in General Medicine, on the sixth floor of Senn Hall, by Professor Billings.

2—4 p. m., Clinic in Skin and Venereal Diseases, in the upper amphitheater, by Professor Hyde.

Tuesday, June 13:—

10—12 a. m., Clinic in General Medicine, in the amphitheater of Cook County Hospital, by Assistant Professor Sippy. Subject: The Diagnosis and Treatment of Common Stomach Disorders.

2—4 p. m., Clinic in Surgery, in the upper amphitheater, by Associate Professor Graham.

Wednesday, June 14:—

9—10 a. m., Exhibition of Gynecological Museum Specimens and Preparations, on the fifth floor of Senn Hall, by Assistant Professor Findley.

10—12 a. m., Clinic in Gynecology, on the sixth floor of Senn Hall, by Professor Webster.

2—3:30 p. m., Clinic in Eye and Ear, on the sixth floor of Senn Hall, by Professor Hotz.

3:30—5 p. m., Class-Day Exercises, in the upper amphitheater:

Processional,	.	.	.	.	.
Invocation,	.	.	.	.	F. J. Quist
Music,	.	.	.	.	.
Address,	.	.	.	Professor D. R. Brower	
Class Poem,	.	.	.	W. E. Stewart	
Class Prophecy,	.	.	.	O. W. Jeffries	
Solo,	.	.	.	.	.
Class Oration,	.	.	.	Joseph Baer	
Music,	.	.	.	.	.
Welcome from Alumni Association,	Dr. D. H. Bowen				
Class History,	.	.	.	Robert C. Menzies	
Presentation of Tablet,	.	.	.	Martin Olson	
Acceptance of Tablet,	.	.	.	Prof. E. F. Ingals	
Valedictory,	.	.	.	E. J. Howell	
Music,	.	.	.	.	.
Benediction,	.	.	.	F. J. Quist	

8 p. m., Theater Party. The attraction selected is "It Happened in Nordland," which will be running at the Grand Opera House. Tickets have been reserved for a large section in the best part of the house, and can be secured by filling in and returning the blank at the end of the **Bulletin**. Arrangements can be made for the seating together of parties.

Thursday, June 15:—

9—10 a. m., Demonstration of Pathological Specimens, Preparations, etc., in the Pathological Laboratory, by Professor Hektoen and Assistants.

10—12 a. m., Clinic in General Medicine, on the sixth floor of Senn Hall, by Professor Billings. Subject: Nephritis.

2—4 p. m., Clinic in Surgery, in the upper amphitheater, by Professor Bevan.

6 p. m., **Annual Meeting and Dinner of the Alumni Association**, at the Union Hotel, No. 111 East Randolph Street. The dinner will be very informal, and after it the annual business of the Association will be transacted. Following this there will be short, informal talks, by a number of prominent alumni and a representative from the Class of 1905. Music will be furnished by the quartette of the class of 1905. It is expected that a large number of alumni will take advantage of this opportunity, as in former years, to meet their old friends among the alumni, and to become acquainted with the members of the present class.

Friday, June 16:—

9–10 a. m., **Clinic in Nervous Diseases**, in the upper amphitheater, by **Professor Barker**.

10:15–11:15 a. m., **Clinic in Diseases of Children**, in Cook County Hospital, by **Assistant Professor Abt**.

11:15–12 a. m., **Inspection of Cook County Hospital**.

2–3:30 p. m., **Graduating Exercises**, in Mandel Hall, University of Chicago, 57th Street and Lexington Avenue. Address by **Professor Ira Remsen**, President of Johns Hopkins University.

4–6 p. m., **Inspection of Buildings and Laboratories**, at the University of Chicago.

6 p. m., **Faculty and Alumni Reception and Dinner**, at Hutchinson Hall, University of Chicago, 57th Street and Lexington Avenue.

The Graduating Class will act as host for the alumni during the week, and a committee from the class, consisting of Messrs. Schwingel, Cruikshank and Gleysteen, has arranged most of the program for commencement week. The class will have a Reception Committee on duty at the College during the week, and the members of this committee will be ready to furnish any information and extend any help to visiting alumni which may be desired.

In order that the proper arrangements may be made, all those expecting to attend any of the following events are urged to fill in the proper blanks and send the same to **Rush Alumni Association**, care of **Rush Medical College**, Harrison and Wood Streets, as early as possible. Acceptances for the Theater Party must be received by Monday, June 12th, for the Alumni Association dinner by Monday, June 12th, and for

the Faculty and Alumni dinner by Tuesday, June 13th. The blanks to be used in ordering reservations for the theater party and dinners are found on the last page of the **Bulletin**.

Tickets previously ordered for the dinners can be obtained just before the same; Theater tickets which have been reserved can be obtained at the College office on Tuesday and Wednesday, June 13th and 14th, or they will be forwarded by mail if so directed. Orders for theater tickets must be accompanied by a check to cover the price of the same.

On the evening of Thursday, June 15th, the Class of 1900 will hold a reunion. Fifty members of the class have signified their intention of being present. Notices will be sent the members of the class giving more details.

Alumni Reunions at State Medical Society Meetings:—

This year plans have been made for the holding of informal reunions of the Rush men in attendance on eight State Societies and the American Medical Association. Members of the College faculty have been asked to be present at each of these, and the local arrangements have been enthusiastically undertaken by local alumni. Two of these meetings have already been held. At the time of the meeting of the Kansas State Society at Wichita, a very successful luncheon and reunion was held. The arrangements were made by Dr. J. D. Freeman of Topeka, and 32 alumni were in attendance. Dr. Slaymaker was present as a representative of the faculty. During the meeting of the Nebraska State Society at Beatrice, a similar reunion was attended by 35 Rush alumni. The local arrangements were carried out by Dr. Garten of Lincoln, and the College was represented by Prof. Ingals and Dr. Rhodes. The members of the faculty who attended these meetings have brought back exceedingly enthusiastic reports, and we hope to publish more details later. The following list will show the State meetings at which alumni reunions are being planned, and the faculty members who expect to attend them: **Illinois**, at Rock Island, May 17th, Drs. Ingals, Belfield, Bouffleur and Dodson; **Iowa**, at Des Moines, May 18th, Drs. Cotton and Findley; **Minnesota**, at St. Paul, June 2nd, Drs. Brower, Bar-

ker and Dodson; **Wisconsin**, at La Crosse, June 8th, Drs. Hektoen and Dodson; **Indiana**, at West Baden, June 8th, Drs. Haines, Favill and Weaver; **Michigan**, at Petosky, June 29th, Drs. Hyde and Sippy.

Fellowship Fund:—

The receipts for this special fund still lack forty dollars of the required \$400. It is hoped that enough more will be received before the annual meeting, so that a fellow may be secured and his work begun immediately after that meeting. Quite a large number of alumni who contributed last year have failed to do so this year.

Mailing List of Alumni:—

Since the "Address Book of the College Faculty and Alumni" was printed, a large amount of work has been done by the College and the Secretary of the Alumni Association with the object of making our mailing list as accurate as possible. We now have the correct addresses of over 4100 alumni. If your address is not correct upon the envelope in which this copy of the **Bulletin** is mailed, please send your address to the College or the Secretary of the Association. It is also desirable to obtain the street address of alumni living in the larger cities, and such alumni are urged to send them in. It would be very helpful if alumni would send their new address when they move, and the younger alumni when they locate. As it is sometimes quite a time before names get into medical directories, there is no way by which an alumnus can be located. If you know that any alumnus is not living, but whose name simply stands without any address in the Address Book, kindly send word to that effect.

With the coming year, it is hoped that the **Bulletin** may be somewhat enlarged, so as to furnish more news which will interest the Alumni. Some plans looking toward this end will be presented at the annual meeting.

Members of the Alumni Association:—

We now have a membership of 639; 150 having been added since the last **Bulletin** was published. This in-

cludes those who have contributed one dollar or more to the fellowship fund. This number should be still increased considerably before the annual meeting.

MEMBERSHIP LIST.—The following alumni have paid dues or have contributed \$1.00 or more toward the fellowship fund since the last list was published in THE BULLETIN of March 22, '65.

Ackley '80, Ackley '92, Adams '01, Ash '99, Avey '01, Aylward '00, Badgley '80, Baer '89, Bailey '79, Baker '94, Barnes '70, Barnett '68, Bates '96, Bayley '93, Beasley '64, Biggar '01, Birdsall '87, Black '58, Bond '70, Borland '87, Bowman '78, Bridge '78, Bryan '77, Buchanan '83, Burlingame '83, Butterman '87, Cameron '93, Caples '91, Clarke '95, Clingan '77, Collins '87, Connor '83, Cook '97, Cornish '81, Danielson '00, Darrow '84, David '69, Davies '87, Deacon '85, Dickerson '93, Dixon '87, Dodson, '82, Dosh '70, Dunn '91, Dwinnell '85, Eckdall '01, Edwards '54, Elfrink '02, Ellsworth '04, Espey '92, Farr '00, Fitzpatrick '03, Florentine '76, Foskett '97, Fowler '00, Freer '91, Frost '81, Garrity '04, Goldspohn '78, Grim '81, Grosvenor '00, Hannum '81, Hays '71, Henrotin '68, Hering '99, Hoiby '02, Hook '89, Hoornbeek '81, Horton '04, Jackola '04, Jones '76, Jones '40, Judd '95, Kenefick '92, Kenyon '96, Knapp '91, Kruell '81, Krusemark '79, Larson '88, Lashier '83, Leeds '56, Lewis '74, Linnell '93, Martin '92, Martin '88, MacNamara '84, McAllister '94, McClelland '78, McCluggage '77, McCutcheon '86, McGrath '95, McLean '63, Meacher '80, Duncan '01, Moore '79, Morgan '74, Motter '99, Oggel '00, Packard '95, Palmer '80, Parsons '74, Pattee '95, Pettyjohn '82, Philblad '99, Pollock '95, Poska '99, Quales '66, Redner '00, Reppert '03, Rhodes '86, Riley '97, Robe '95, Roberts '87, Rockey '91, Rogoff '00, Schmidt '96, Schottler '96, Schreiber '75, Scars '82, Selby '93, Sheldon '85, Shurtz '97, Siefert '03, Sloo '03, Seger '68, Smith '92, Smith '72, Smith '00, Smith '69, Sorsen '98, Stevenson '98, Stewart '99, Taylor '90, Thompson '99, Tope '70, Troupe '84, True '66, Tucker '97, Vanderhoof '03, Van Werden '85, Vasumpaur '94, Vincent '81, Webster '70, Weinlander '91, Weir '96, Wescott '83, Wernham '02, White '83, Whiting '83, Will '69, Willhite '96, Williams '83, Wilson '96, Yockey '91, McClure '83, Doolittle '76.

.....1905.

Please reserve for me.....seats for the **Rush Alumni Theater Party**, Wednesday evening, June 14, 1905, for which I enclose \$.....

Dr.....Class.....

Tickets, \$1.50.

.....

.....1905.

Please reserve for me a place at the **Annual Dinner of the Rush Alumni Association**, at the Union Hotel, Thursday evening, June 15th, 1905, at 6 p. m.

Dr.....Class.....

\$1.00 per plate.

.....

.....1905.

Please reserve for me a place at the **Faculty and Alumni Dinner**, at Hutchinson Hall, Friday evening, June 16, 1905, at 6 p. m.

Dr.....Class.....

\$1.50 per plate.

.....

Return the above blanks when filled in to **Rush Alumni Association**, Rush Medical College, Harrison and Wood Streets, Chicago.







LH

1

.B83

Vol. 1

Rush Medical College
Alumni Ass'n Bulletin

1904-05

